DERWENT-ACC-NO: 2004-696782

DERWENT-WEEK: 200

200468

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TITLE:

Slim type optical disc drive

INVENTOR: BAE, BY

PATENT-ASSIGNEE: SAMSUNG ELECTRONICS CO LTD[SMSU]

PRIORITY-DATA: 2002KR-0074359 (November 27, 2002)

PATENT-FAMILY:

PUB-NO PUB-DATE LANGUAGE PAGES MAIN-IPC KR 2004046430 A June 5, 2004 N/A 001 G11B 017/02

APPLICATION-DATA:

PUB-NO APPL-DESCRIPTOR APPL-NO APPL-DATE KR2004046430A N/A 2002KR-0074359 November 27, 2002

INT-CL (IPC): G11B017/02

ABSTRACTED-PUB-NO: KR2004046430A

BASIC-ABSTRACT:

NOVELTY - A <u>slim</u> type ODD(Optical Disc Drive) is provided to apply for a <u>slim</u> propensity of a portable terminal such as a notebook computer by maximally using a <u>thickness</u> of a lower case.

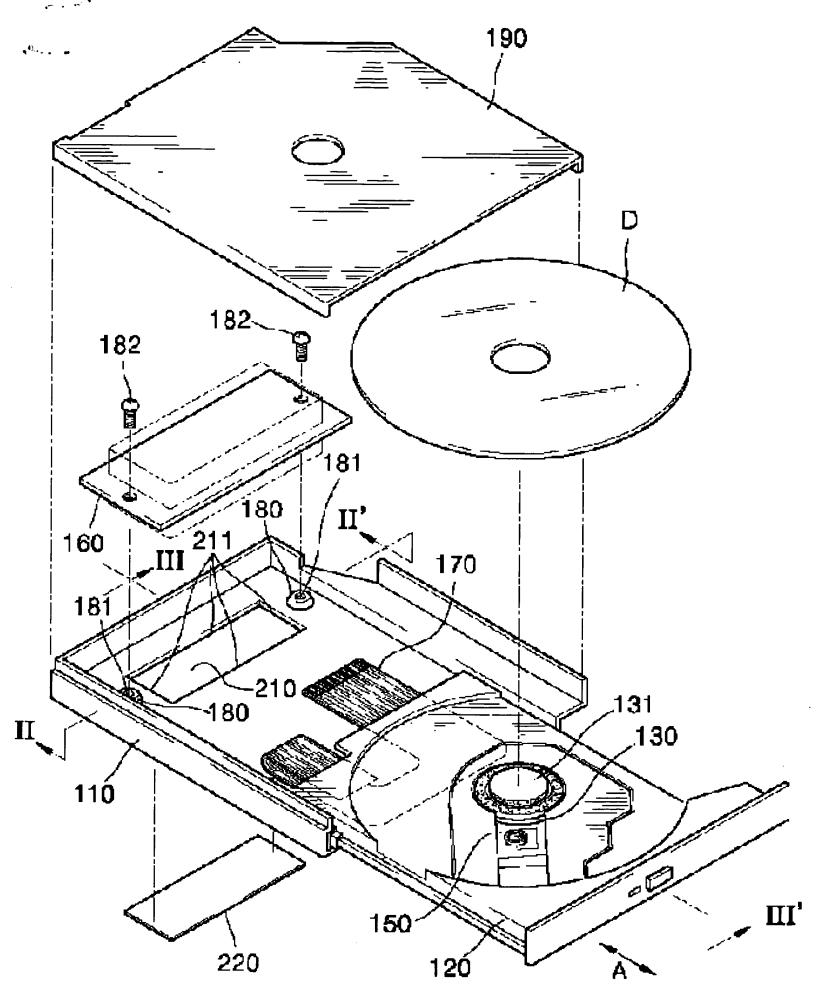
DETAILED DESCRIPTION - A main control <u>board</u>(160) controls an operation of the ODD. A lower case(110) is equipped with the main control <u>board</u> and forms a penetrating part(210) matched with an installation position of the main control <u>board</u>. A <u>tray</u>(120) is equipped with a <u>spindle motor</u>(130) rotating an optical disc(D) and an optical pickup(150) accessed to the optical disc, and is installed/slid on the lower case. A blocking part(220) prevents the penetrating parts from being projected over a lower surface of the lower case by blocking the penetrating parts. The <u>thickness</u> of the blocking part is thinner than the <u>thickness</u> of the lower case.

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: SLIM TYPE OPTICAL DISC DRIVE

DERWENT-CLASS: T03

EPI-CODES: T03-B09; T03-F02L5; T03-L05B; T03-N01;



4/12/06, EAST Version: 2.0.3.0